

Comparisons of Job Characteristics

Focus Occupation: **Sociologists (19-3041)**

Associated Occupation: **Geographers (19-3092)**

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 60

Focus Occupation: Sociologists (19-3041)

Associated Occupation: Geographers (19-3092)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Geography | 3.9 | 24.8 | 7.0 | << | Extensive education and/or training may be required |
| English Language | 11.2 | 17.2 | 18.6 | 0 | Current knowledge level may be sufficient |
| Sociology and Anthropology | 4.1 | 15.2 | 25.0 | >> | Current knowledge level is likely more than sufficient |
| Computers and Electronics | 8.4 | 15.0 | 10.9 | << | Extensive education and/or training may be required |
| History and Archeology | 2.6 | 10.7 | 8.7 | < | Expanded education and/or training may be required |
| Philosophy and Theology | 3.2 | 9.3 | 10.4 | > | Current knowledge level is likely sufficient |
| Foreign Language | 2.7 | 7.4 | 3.9 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Sociologists (19-3041)

Associated Occupation: Geographers (19-3092)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|---------------------------------------|
| Writing | 9.2 | 15.5 | 15.9 | 0 | Current skill level may be sufficient |
| Reading Comprehension | 10.7 | 15.1 | 17.3 | > | Skill level is likely sufficient |
| Science | 4.5 | 13.8 | 13.8 | 0 | Current skill level may be sufficient |
| Active Learning | 8.7 | 12.3 | 12.6 | 0 | Current skill level may be sufficient |
| Systems Analysis | 6.5 | 11.6 | 9.7 | < | A higher skill level may be required |
| Systems Evaluation | 6.4 | 11.0 | 9.2 | < | A higher skill level may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 93 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Sociologists (19-3041) Associated Occupation: Geographers (19-3092) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Oral Expression | 12.4 | 15.7 | 17.0 | 0 | Current ability level may be sufficient |
| Written Expression | 9.8 | 15.2 | 16.4 | 0 | Current ability level may be sufficient |
| Oral Comprehension | 12.5 | 14.9 | 15.9 | 0 | Current ability level may be sufficient |
| Written Comprehension | 11.0 | 14.4 | 15.7 | 0 | Current ability level may be sufficient |
| Speech Clarity | 10.2 | 13.6 | 14.4 | 0 | Current ability level may be sufficient |
| Inductive Reasoning | 10.2 | 13.5 | 13.3 | 0 | Current ability level may be sufficient |
| Near Vision | 11.1 | 13.3 | 11.4 | < | Some improvement in abilities may be required |
| Category Flexibility | 9.0 | 12.8 | 9.4 | << | Extensive improvement in abilities may be required |
| Mathematical Reasoning | 6.3 | 10.6 | 9.2 | < | Some improvement in abilities may be required |
| Number Facility | 6.3 | 10.6 | 4.8 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 90 |
|--|-------------------------|---|
| Focus Occupation: Sociologists (19-3041) Associated Occupation: Geographers (19-3092) | | |
| Work Activities | Exclusivity of Activity | |
| Advise clients or customers | 19 | |
| Advise governmental or industrial personnel | 28 | |
| Analyze scientific research data or investigative findings | 27 | |
| Analyze social or economic data | 63 | |
| Collect scientific or technical data | 30 | |
| Collect social or personal information | 70 | |
| Collect statistical data | 47 | |
| Communicate technical information | 4 | |
| Compile information through interviews | 68 | |
| Compile numerical or statistical data | 38 | |
| Conduct field research or investigative studies | 52 | |
| Confer with research personnel | 50 | |

| | |
|---|----|
| Confer with scientists | 54 |
| Develop or maintain databases | 30 |
| Develop policies, procedures, methods, or standards | 21 |
| Develop scientific or mathematical hypotheses, theories, or laws | 62 |
| Develop tables depicting data | 33 |
| Direct and coordinate activities of workers or staff | 3 |
| Direct and coordinate scientific research or investigative studies | 27 |
| Explain complex mathematical information | 30 |
| Interpret charts or tables for social or economic research | 70 |
| Maintain awareness of social trends | 71 |
| Make presentations | 13 |
| Plan scientific research or investigative studies | 48 |
| Plan surveys of specified group or area | 80 |
| Prepare reports | 8 |
| Prepare technical reports or related documentation | 22 |
| Recognize interrelationships among individuals or social groups | 74 |
| Recommend further study or action based on research data | 60 |
| Use computers to enter, access or retrieve data | 3 |
| Use current social research | 62 |
| Use interviewing procedures | 23 |
| Use knowledge of investigation techniques | 16 |
| Use library or online Internet research techniques | 21 |
| Use mathematical or statistical methods to identify or analyze problems | 30 |
| Use project management techniques | 47 |
| Use quantitative research methods | 35 |
| Use relational database software | 26 |
| Use scientific research methodology | 21 |
| Use spreadsheet software | 18 |
| Use word processing or desktop publishing software | 17 |
| Write research or project grant proposals | 33 |
| Write scholarly or technical research papers | 36 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Sociologists (19-3041)
Associated Occupation: Geographers (19-3092)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.